

Amendments to the Specification

Please insert the following before paragraph [0001] on page 2:

CROSS-REFERENCE TO A RELATED APPLICATION

Please replace paragraph [0004] on page 2 which bridges page 3 with the following new paragraph:

The “gpsOne” technology of Qualcomm Company is for tracking the position of a code division multiple access (CDMA) mobile station having the *gpsOne* function mounted therein with a hybrid type having a combination of functions of the GPS and a network based location termination technology, ~~wherein~~. Further, the GPS tracks the position of a GPS receiver on the ground by measuring the time required for a GPS satellite signal to reach the GPS receiver and the network based location determination technology tracks the position of the mobile station by measuring the time required for a CDMA base station signal to reach the mobile station.

Please replace paragraph [0030] on page 9 which bridges page 10 with the following new paragraph:

Referring to FIG. 1 FIGs. 1-3, the test apparatus includes a GPS signal generator SG 12, a base station test set 11, a mobile station under a test (hereinafter, MSUT) 15, a diagnostic monitoring device 29, and a power combiner 14. At this time, the GPS signal generator SG 12 generates a Global Positioning system (GPS) RF signal, and the base station test set 11 generates a Code Division Multiple Access (CDMA) RF signal. The MSUT 15 ~~having has~~ a test block [[25]] 26 and a test user Interface [[26]] 25 which drives the test block [[25]] 26 according to an operation of the test user Interface 25, and the test block 26 testing a performance of the MSUT 15 by using the CDMA RF signal and the GPS signal. Then, the diagnostic monitoring device 29 is optionally coupled to the MSUT 15 for operating the test user Interface 25, or displaying a test result of the test block [[25]] 26 operated by the test user Interface 25. The power combiner 14 combines paths of the GPS RF signal and the CDMA RF signal, and inputting the combined signals to the MSUT 15.

Amdt. dated November 29, 2004

Reply to Office Action dated June 29, 2004

Please replace paragraph [0033] on page 10 which bridges page 11 with the following new paragraph:

The present invention ~~provides reducing~~ reduces the time required for the performance test of the mobile station having the GPS mounted therein and is supported by the *Qualcomm* chip. According to a preferred embodiment of the present invention, the test block 26 for testing the performance of the MSUT 15 and [[a]] the test user interface (UI) 25 for the performance test are constructed within [[a]] the mobile station under test (MSUT) 15. It is possible to obtain the test block 26 and the test user Interface 25 as a software mode. That is, the MSUT 15 comprises a record means for storing a program having at least one module for operating the test block 26 and the test user Interface 25 as the software mode.

Please replace paragraph [0034] on page 11 with the following new paragraph:

Specifically, according to a preferred embodiment of the present invention, the test proceeding of the MSUT 15 is not instructed and monitored by the diagnostic monitoring device 29, but by the MSUT 15 including [[an]] the internal test block 26, thereby a test equipment required for the test proceeding is simplified and time required for the test is reduced.

Please replace paragraph [0037] on page 12 which bridges page 13 with the following new paragraph:

A test application of the diagnostic monitoring device 29 may be removed, or may be used in case of need. The test command(ε) from the user through the diagnostic monitoring device 29, AA/SA messages(ξ), data logging in response to the test result(Δ), etc., from the diagnostic monitoring device 29 are transmitted and/or received through the UART 28 of the MSUT 15. The performance test of the MSUT 15 having the test block 26 is driven by manipulation (e.g., manipulation by the user on the keypad 23 or diagnostic monitoring device 29) of the dedicated user interface. The MSUT 15 performs the test

according to the predetermined setting reference and estimates the test result by the internal test block 26 without transmitting the test result through the UART 28 to an external, and displays the estimation result through a diagnostic monitoring device 29 or a display 23 (e.g., liquid crystal display (LCD)) of the MSUT 15.

Please replace paragraph [0044] on page 14 with the following new paragraph:

The MSUT 15 having a test block 26 according to the [[a]] preferred embodiment of the present invention as constructed above may be modified to various combinations according to a test purpose and a test environment.

Please replace paragraph [0071] on page 20 with the following new paragraph:

The ntest_manager module provides the results of the PPM and the GPS signal search from the GPS search block 27 to the test block 26 as the status information of the MSUT 15 (S420). The test block 26 repeatedly ~~testes~~ tests the performance of the MSUT 15 with the status information of the MSUT 15 in a predetermined number of tests, and analyzes the test result. The test items of the test are shown in Table 2. Then, the test block 26 provides the analyzed test result to the test user Interface 25 (S412). At this time, if there are the remaining test items, the test of another item is repeatedly performed according to the afore-mentioned method. However, in case there is no remaining test item, the display 23 or the diagnostic monitoring device 29 displays the analyzed test results of the test items through the test user Interface 25 (S417). Then, the test block 26 completes the test process (S418).